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| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) |  |  |  | ATTY. DOCKET NO.<br>BWT-PT001.2  |  | SERIAL NO.<br>10/781,262 |  |
|  |  |  |  | APPLICANT<br>Smith et al.        |  |                          |  |
|  |  |  |  | FILING DATE<br>February 18, 2004 |  | GROUP<br>1614            |  |

| U.S. PATENT DOCUMENTS |  |                 |      |      |       |          |                               |  |  |  |  |
|-----------------------|--|-----------------|------|------|-------|----------|-------------------------------|--|--|--|--|
| EXAMINER<br>INITIAL   |  | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |  |  |  |  |
|                       |  |                 |      |      |       |          |                               |  |  |  |  |

| FOREIGN PATENT DOCUMENTS |  |                 |      |         |       |          |             |    |  |  |  |
|--------------------------|--|-----------------|------|---------|-------|----------|-------------|----|--|--|--|
|                          |  | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |  |  |  |
|                          |  |                 |      |         |       |          | YES         | NO |  |  |  |
|                          |  |                 |      |         |       |          |             |    |  |  |  |
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|                          |  |                 |      |         |       |          |             |    |  |  |  |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |    |   |
|--|----|---|
| AB   | AK | Patel et al., "DNA Sequence of the Gene Encoding a Major Secreted Protein of Vaccinia<br>Virus, Strain Lister," 1990, pgs. 2013-2021, vol. 71, no. 9, Journal of General Virology, Reading, Berks, GB |
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| EXAMINER<br>/Agnieszka Boesen/ | DATE CONSIDERED<br>01/18/2007 |
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| <b>FORM PTO-1449</b><br><b>U.S. DEPARTMENT OF COMMERCE</b><br><b>PATENT AND TRADEMARK OFFICE</b><br><br><b>INFORMATION DISCLOSURE</b><br><b>STATEMENT BY APPLICANT</b><br><br>(Use several sheets if necessary) |     |   |   |   |   |   |   |   |         | <b>ATTY. DOCKET NO.</b><br>BWT-PT001.2 |       | <b>SERIAL NO.</b><br>Not Yet Known |                            |                               |
|---|-----|---|---|---|---|---|---|---|---------|--|-------|------------------------------------|----------------------------|-------------------------------|
|   |     |   |   |   |   |   |   |   |         | <b>APPLICANT</b><br>Smith et al.       |       |                                    |                            |                               |
|   |     |   |   |   |   |   |   |   |         | <b>FILING DATE</b><br>Not Yet Known    |       |                                    |                            | <b>GROUP</b><br>Not Yet Known |
| <b>U.S. PATENT DOCUMENTS</b>  |     |   |   |   |   |   |   |   |         |  |       |                                    |                            |                               |
| EXAMINER<br>INITIAL   | AA* | DOCUMENT NUMBER   |   |   |   |   |   |   | DATE    | NAME                                   | CLASS | SUBCLASS                           | FILING DATE IF APPROPRIATE |                               |
| AB  | AA* | 6   | 1 | 8 | 4 | 3 | 5 | 8 | 02/2001 | Loetscher et al.                       |       |                                    |                            |                               |
| AB  | AB* | 5   | 8 | 3 | 4 | 4 | 1 | 9 | 11/1998 | McFadden et al.                        |       |                                    |                            |                               |
| <b>FOREIGN PATENT DOCUMENTS</b>   |     |   |   |   |   |   |   |   |         |  |       |                                    |                            |                               |
|   |     | DOCUMENT NUMBER   |   |   |   |   |   |   | DATE    | COUNTRY                                | CLASS | SUBCLASS                           | TRANSLATION                |                               |
|   |     |   |   |   |   |   |   |   |         |  |       |                                    | YES                        | NO                            |
| AB  | AC* | 9   | 6 | 3 | 3 | 7 | 3 | 0 | 10/1996 | PCT                                    |       |                                    |                            |                               |
|   |     |   |   |   |   |   |   |   |         |  |       |                                    |                            |                               |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>   |     |   |   |   |   |   |   |   |         |  |       |                                    |                            |                               |
| AB  | AD* | Virology; Vol 180; Howard et al.; "Vaccinia Virus Homologues of the Shope Fibroma Virus Inverted Terminal Repeat Proteins and a Discontinuous ORF Related to the Tumor Necrosis Factor Receptor Family"; January 1991; pp. 633-647. |   |   |   |   |   |   |         |  |       |                                    |                            |                               |
| AB  | AE* | Current Opinion In Immunology; Vol. 8; No. 4; Geoffrey L. Smith; "Virus Proteins That Bind Cytokines, Chemokines or Interferons"; August 1996; pp. 467-471.   |   |   |   |   |   |   |         |  |       |                                    |                            |                               |
| AB  | AF* | Journal Of Experimental Medicine; Vol. 184; No. 3; Loetscher et al.; "Chemokine receptor specific for IP10 and MIG: Structure, Function, and Expression in Activated T-lymphocytes"; September 1996; pp. 963-969                    |   |   |   |   |   |   |         |  |       |                                    |                            |                               |
| AB  | AG* | Ng, Aylwin, Ph.D. Thesis, University of Oxford (1998). The Vaccinia Virus A41L Gene Encodes a Novel Secreted Immunomodulatory Factor.   |   |   |   |   |   |   |         |  |       |                                    |                            |                               |
| AB  | AH* | Ng, A. Tschärke, D.C., Reading, P.D. & Smith, G.L. (2001). The vaccinia virus A41L protein is a soluble 30kDa protein that affects virus virulence. Journal of General Virology 82 2095-2105  |   |   |   |   |   |   |         |  |       |                                    |                            |                               |
| AB  | AI* | Nikolaevich et al. Two types of deletions in Orthopoxvirus genomes. Virus Genes. Vol. 9, No. 3 (1995) pp. 231-245   |   |   |   |   |   |   |         |  |       |                                    |                            |                               |
| AB  | AJ* | Jackson et al. Expression of mouse interleukin-4 by a recombinant ectomelia virus suppresses cytolytic lymphocyte responses and overcomes genetic resistance to mousepox. Journal of Virology. Vol 75, No. 3 (2001) pp. 1205-1210   |   |   |   |   |   |   |         |  |       |                                    |                            |                               |
| <b>EXAMINER</b><br>/Agnieszka Boesen/   |     |   |   |   |   |   |   |   |         | <b>DATE CONSIDERED</b><br>01/18/2007   |       |                                    |                            |                               |

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